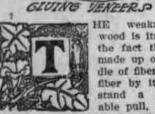




STAGES OF PLYWOOD AIRPLANE PROPELLER

sented itself. A machine that had to



wood is its grain-

weakness

is held loosely to its neighbors on all steam-heated press. The result is an of possibility.

literally "stronger than steel." It is material an easy matter, revolutionizing airplane construction. The extremely thin prywood secured lect and clear material, the value of from warping. Thin plywood has entirely eliminated. Weight for for most forms of solid wood. been found, in toughness and flexibil- weight, its strength proved to be apity, to compete favorably with textile proximately the same, and it is quite fabrics in the manufacture of air- likely that in the future all non-metal

If anyone should say offhand that terial. weight for weight, wood was stronger When plywood was first thought of than steel he would be laughed at. in connection with airplanes, an ap-However, the forest products labora- parently insurmountable difficulty prewhich is responsible for our knowl- be out in all kinds of weather and edge of pirwood and the various uses spend much of its time in a dense fog Alexander was talking about the alien which it may be put, has devised and in thick clouds must not be held question. n testing machine which proves this together anywhere by glue that water in this machine, with the idea of pull- milk. Panels were glued together are like Bill Smith. ing it apart in the middle, will usually with these and tested in boiling water

shown that all of the denser woods from another, were made, and it was part. can beat steel by from 300 to 600 per demonstrated that a pressure of from strength of steel. That's why plywood the layers, so strong were the new enormous bundle.

of plywood vary in thickness accord- wood fibers themselves, that gave way. wings, for example, they are only .01 to industry in our reconstruction peinch of thickness. Gluing thin veneer riod, it becomes evident that an eninto a very thin panel of plywood has tirely new field has opened for proof the thin plies due to their absorp after they are finished, for one ply sins and candy. tion of water from the wet glue, which holds the next rigidly. What manuamount of wrinkling. A second source with glued joints that will not get ened up for once.' of trouble is in the handling of the shaky in a damp atmosphere? Furniconted with a wet glue, since it is then together far better. very fragile and easily ruined.

To overcome these difficulties the wood has immediate application not warmly urged him to come again. He forest products inboratory has evolved only in replacing solid material but in had loosened up, and they felt very a process which consists of making a extending the utilization of small sizes friendly toward him in consequence. sheet of glue by conting thin sheets and low grades. Some of the articles of tissue paper with blood give, allow- already manufactured of plywood at cer's account came in, and the family ing it to dry, and using the coated pa- the forest products laboratory, with learned that the whole of Bill's fareper as the glue layer for plywood, most excellent results in every case, well dinner had been charged to Pa The process of making the panel then are wagon tongues, wheel hules, plow Vanderpelt,"

Man With Grit Wins

Grit has a way of taking possession

the man who dares what has been involuntarily make way for him.

of you. Under its influence you act as

itherto impossible. It's the grit that

es back of him that does the work.

ENGLAND'S DIAMOND CUTTERS.

About 200 years ago Englishmer

metimes it comes late in life. But

consists merely in laying alternately | beams, sled runners, gun stocks, basefiber by itself will as many sheets of thin veneer and ball bats, bowling pins, shoe lasts, hay stand a consider- sheets of this give tissue as may be blocks, and ladder rails. Even built- Is Jed drinking too much for my I kept it strictly my own affair. able pull, but each required to build up the panel desired. up railroad ties and telephone poles health?" fiber in the bundle These sheets are then pressed in a are by no means beyond the realms

sides. To make a wood that is ca- extremely thin panel in which the One cannot fail to be impressed by puble of standing strain in all direc- moisture content has been changed not the possibilities of plywood as a fac- I was a ghost. tions it is necessary to combine sev- more than 1 or 2 per cent. This sim- tor of utilization. Not only would it ent milling and grading practices. Se- to him when you can spare him." bility of heavy wood paneling, for linen ordinarily used, by reason of the service, there seem to be no limits to their composite nature prevents them fact that the "flap" of the cloth is the possible substitution of plywood

Too Many Like wings may be covered with this ma-Bill Smith

Department of Commerce Secretary

"The allen," he said, "who comes ng Only, of course, the would dissolve. To overcome this dif- over here, learns the language and strength of the wood is estimated by ficulty two new glues were evolved by gets naturalized-with him we have the pull it will stand running with the laboratory experts; one made no quarrel; but too many allels only and not against the grain. For ex- from the blood of animals and one come over to make a small fortune ample, a toothpick of pine w | placed derived from casein-obtained from and then go back home. Such allens

"Bill Smith dropped in on his stand a pressure of from 75 to 100 for eight hours. At the expiration of cousins, the Vanderpelts, one day with before it gives way. As this time none of the pleces showed his trunk. It soon developed that Bill against this, a 3-inch length of steel any separation of the plies. Soaking had come for a pretty long stay. From wire, of the same weight as the tooth- in cold water for ten days gave the one week his visit lengthened into two pick, generally gives way when the same results. Finally, tests with a Two weeks became three, and it wasn't tension reaches about 30 pounds. Va- shearing machine, which applied force till five weeks had gone by that Bill rious tests with this machine have in such a manner as to push one ply at last arnounced his intention to de-

"The Saturday evening before his cent. When tested across the grain, two hundred and fifty to seven hundeparture Bill, who was a notorlous however, the best of wood shows only dred pounds to the square inch of tightwad, astonished and pleased the from one-fourth to one-half of the give surface was required to separate Vanderpelts by coming home with an

"'Just a little something,' he exgiues. As a matter of fact, it was, in most cases, not the glues, but the plained, 'to help out tomorrow's Sunday dinner.' And with a beaming smile he undid the bundle's wrapping. In considering the application of In the case of material for airplane this new water-proof glue and plywood 'It's my farewell Sunday dinner with you, you know. I thought we might celebrate a little.'

"It was a gorgeous bundle. There always been an extremely difficult gressive manufacturers of wood ar- was a large turkey and a magnificent matter for the manufacturer. The ticles. Who, till now, has put on the ham. There were green peas from principal cause of trouble has been market a standard door that will not Florida and luscious California the excessive swelling and shrinking warp? Plywood panels cannot warp peaches. There were nuts and rai-

"'Well,' said the Vanderpelts, after causes overlaps and a considerable facturer has got out a table or chair Bill had gone to bed, 'so Bill has loos-

"All hands enjoyed the farewell Sunvery thin material when it has been ture made with casein glue will hold day dinner tremendously, and on Sunday evening Bill departed by the 8 For smaller wooden articles built-up o'clock express. The Vanderpelts

"Then, the next morning, the gro-

have changed from green to reddish in

color, while most of the lower leaves

have fallen away. They are cut by

hand with a long knife, stripped of

Sugar cane requires an abundance ore often it shows itself with the of sunshine and water and a deep, fer- their leaves and carried on carts or st great testing. Enemies may think tile soil. In planting, the stalks are small cars to the sugar mill.

though you were a different person. on your guard. The man with grit are somewhat larger and there are no

were the finest diamond cutters in the world, and the trade was nearly all ligious persecution the cutters mi-

Nail 'Em Down,

since remained.

the Carranza administration.

HUERTA IN STUBBORN MOOD | tions which were promulgated under | and the United States is to be suspend-

Official announcement of the progress of negotiations was made here, \$500,000, the newspapers of this city and it was declared the following con- say. cessions were asked: Nullification of all petroleum legislation based upon article 27 of the constitution, placing in effect the original regulations regarding oil operations, cancellation of permits which the government already | the Mexican embasey at Washington, has granted for drilling operations on national lands.

Money order service between Mexic

ed if the United States fails to pay Mexico a balance of approximately

growing power of these preparations is, in most cases, obtained fron beetles.

The Mystery of Hartley House

By CLIFFORD S. RAYMOND

Illustrated by IRWIN MYERS

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"JOHN!"

Synopsis. - Dr. John Michelson, just beginning his career, becomes esident physician and companion of Homer Sidney at Hartley house. Mr. Sidney is an American, a semiinvalid, old and rich and very destrous to live. Mrs. Sidney is a Spanish woman, dignified and reticent. Jed, the butier, acts like a privileged member of the family Hartley house is a fine old isolated "haunted pool," and many watch dogs, and an atmosphere of mys-tery. The "haunted pool" is where Richard Dobson, son of a former owner of Hartley house, had killed his brother, Arthur Dobson. Jed begins operations by locking the doctor in his room the very first night. Doctor John fixes his door so he can't be locked in. He meets Isobel, daughter of the house and falls in love at first sight. In the night he finds the butler drunk and holding Mrs. Sidney by the wrist. He interferes, Mrs. Sidney ex-plains. John buys a revolver. John overhears Jed telling Mrs. Sidney he will have his way. In reply she says she will not hesitate to kill him. Mrs. Sidney asks John to consent to the announcement of his engagement to Isobel. young people consent to the makeannouncement. Jed tries to

CHAPTER III-Continued.

Mr. Sidney never liked to have his vicarious drinking interrupted, but he always was good natured.

for Jed. The wretch must have thought gagement. I did not want to confess Mrs. Sidney was esthetic, and if a fact phenomenon in the human race. If he

"Jed may drink himself to death, so if I could help it. eral layers cut at various angles to ple method eliminates the troubles re- make possible the saving of a large for all me," I said. "That probably is I overdid it. I became disagreeable, her, the only proper thing to do. sulting from the use of a wet glue, percentage of present woods and mills the best end he can come to. I think I kept as much out of Isobel's presence Isobel was a clever tennis-player Thus is made "plywood," said to be and makes the handling of the thin waste, but I want to talk as possible. I never willingly was and I a poor one. She beat me three warden of the prison came to meet him

and it will enter conspicuously into in this manner and tested on airplane which is now lost in undersizes or dispost-war industry. It is even possible wings built especially for the purpose counted by low-grade classification, useful. Who else could drink my wine funkness after I had been giving this When Isobel said for the first time aristocracy of democracy. I am a that as a wall covering the thinner va- proved surprisingly strong. It was could be utilized and valued as are of an evening? Go along with the demonstration of myself for some time. that she wanted to take me for a drive democrat. I am most fond of an rieties will compete with wallpaper. found that it gave between 6 and 8 now the more valuable hardwoods. doctor, Jed, and see what he wants. "Doctor," she said, "this household in the car, her mother made a gesture aristocratic democrat. Such was Mr. They possess all the beauty and dura- per cent added lifting power over the From the standpoint of satisfactory It's probably a matter of pills or powders for me.'

Jed was recovering from his shock, not be a little more agreeable to each but he still showed the effects of it. other." a half hour. I'll be in my room." I went there and wrote two letters, wint to be absurd.

lawyer I knew, and the other to Dr. so awkward." nerved.

He read them and moistened his lips. so long as I am alive. If anything from no other. should happen to me, whether you had

would not do you any harm. I shot at | not like the opinion Isobel formed of

CHAPTER IV

the rabbit.

of his candid moods.

"I know you did," I replied.

"I don't wonder at anything you I was with Mr. Sidney a number of

mother thought she could build up the fatigue of it.

might as well be friends again." "You sealle alcoholic! You are a vio- brought no friends to the doors. link. Certainly there is a new spirit until action is needed and then you time have grown about 12 months and knife."

"I am going to be quite friendly. said Jed.

"You flatter yourself," I said. "Well, anyway," he said, "I'm friend-

Isobel, with a sense of our posturing | was mockery of dealed hopes. toward each other, made mocking ger - Isobel used me to gain her liberty. | managed it."

Parts of Europe.

would not have sought relief from her | fectly straightforward, natural and | drives brought us, within the limitation distress by the arrangement which proper." made me her daughter's protective fiance. The only thing I could take you object to, and I perfectly delight structure of barracks, work-rooms and credit for in this absurd situation was in calling you 'old dear.' It fits so walls, of cells and armed guards: but that Mrs. Sidney was not allowed to well-it is really wonderful. It is al- it was in lovely surroundings, and if most a complete description as well we took the best roads, we came natur-

manticism would permit me to be. I knew that any affection I might place I said. in this fashion was a real and serious emotional vice, which if not controlled might lead to unhappiness. That con- ceived only for a short while. Then he have taken this drive by the prison sciousness had steadled me, but it had tried to kill me. He apologized after- road ten times when, approaching it not delivered me.

Isobel walked brightly through the character of our engagement." "Just the same, he has not bothered old house of tragedy-as surely it was, however hidden the tragedy. She was mother since then as he did before." | doctor," he said, "and if you do not the glint of sunshine in the nisles of the dark woods, the odor of roses I have him where I can control him." side. I have seen the outside so many against the wall. She had the charm of the hollyhocks, the freshness of the daughter. That was not astonishing; side." hepatica in the spring, the beauty of Isobel was a young American woman; I consented, thinking that with Jed the wild rose in June.

bettothed as I was to Isobel, in his

girl, was preposterous.

know the state of my feelings.

"No hurry," I said. "I'd rather wait I did not know what to say. I hoped

I finished them. He was still un- if we both want to be we shall not anodyne to pain. have to glower at each other every "I have something I want you to the we meet. Even mother does not read," I said, and gave him the letters, require it and father would detest it." Without saving anything more, she "You don't need to talk, Jed," I said, made me see that I had used a cheap "T'll do all the talking that's neces- device to escape the consequences of sary. I am not going away. I am go- a foolish affection. The girl in a very ing to stay right here, and you'd better friendly fashion had shown me that be very careful of my health. These my avoidance of her was marked, cool letters go out tonight. The men who and unreasonable. It was wholly reaget them will keep their mouths shut sonable from my poor standpoint, but

I saw that I was meeting my difficulanything to do with it or not, you'd ty by running away from it, and I not have, a difficult time with a jury."

"It was a mistake," he said. "I in this fashion, but furthermore, I did me because of it. I had to face the "Twice with a pistol, when you had music, and after that I did. It ought shotgun?" I said. "You did! I was not to have astonished me that I felt better instantly. I knew that a coward only increased his troubles.

I imagine if I had not seemed such a professional stick, such a thing aloof Jed came to me the next day in one from human emotions, Isobel would have been merely friendly and kind. "I did shoot at you yesterday," he As it was, she was tantalizing. She liked me well enough, but that meant very little. If she did not drive, ride, "And you're wondering why and walk or play tennis with me, she had you're wondering if I intend to do it a choice of the servants. It was I or nothing.

do," I said. "And you know that if hours every day. They varied, someyou do it again, the evidence is pre- times seven or eight a day in different pared against you. I think I am per- periods, sometimes three or four. Very fectly safe. I know you are a cow- little of this time was occupied in professional duty. Life at Hartley house "No. I'm not a coward," he said, as would have been intolerably lonesome ing a boast, "I never do anything titioner. And therefore I welcomed a without a purpose, and when I have a routine that was outside my profes- ment of distress with the intimate suppurpose, I do it no matter what the sion. Mr. Sidney had a delicacy of port of her own presence. consequences may be. The reason I perception which told him when atwanted to shoot you was because you tention upon even so amiable an inwere engaged to Isobel. I intend to valid might be drawing upon the phys- but it did not seem small to me who marry Isobel. Now I know that you ical reserve of the people waiting upon | witnessed it, and it had no rhetorical are not going to marry Isobel. You him or being with him. He always and little emotional expression. are just the foolish fence that her managed that they never should feel

around Isobel and keep me from try- We saw no company at Hartley ing to marry her. Isobel doesn't want house. We made no calls and received but knew her daughter. you. She is laughing at you. So we none. We extended no invitations and received none. The estate was baron- sha'n't be gone long. Come on, John." classified as follows: Killed in combat, "You preposterous old fool!" I said, ial, and it had baronial habits, but it That was the first time she had 208; prisoners, 145; wounded in action, lation of decency. You enfeebled, ex- It was nearly always with regard to comedy. I knew her finesse. She did action, 29; injured in action, 25; in-

asperating old goat! You would sicken Isobel that the condition seemed un- it to give her mother the comfortable terned, 3. the moral conscience of a mummy. If natural. For an invalid like Mr. Sid- sense that she was not going upon a you ever associate your aspirations ney it was natural enough. Mrs. Sid- wild adventure of an automobile ride with the name of Miss Sidney again, ney was wholly devoted to him; I was with an unrelated man but was within and that may be more true than we isn't advertising himself. He just waits tassels and no ears. The stalks at this I'll cut your throat with a paper engaged in professional duties; and the strict intimacy of the family. for Jed and the servants in the house Jed smiled and made me feel ridicu- it was natural to be content with what | She liked to drive fast and I do not. other trees, usually of Spanish moss, "I am a more intelligent man than ance of duties for which they were motion is a genuine human pleasure. you," he said. "You are too simple for paid and which they might abandon Possibly it is, behind either a fast or them the pine cones. In the hardwood the complexities of life. You could not at will. But this was Isobel's life, a plodding horse, I prefer the plodding forests of the North, dry leaves take possibly be sufficient for a girl of Mis She was young, vibrant, beautiful, but horse. Locomotion then merely reveals the place of the Spanish moss, and a Sidney's character. She would die & vistas opening into human prospects gradually changing facets of the scene; conspicuous nest is built with an enboredom to six months. There is noti- were closed to her. And she was en- one likes to see the manifold aspects trance hole at the side. ing preposterous about my candidac gaged to a piece of professional dead of a landscape unfold. But an auto-

> but this is evident fiction. She did For such as love it, not for me! no such thing, and it would be an unkindness to her to think so. What she said. He proved to be so. The life of the ing man, would have been cruelty if rectly down out of the clouds, house went placidly from day to da; it had been known that the position;

mother. She particularly delighted to me "John" derisively, or worse "dear" John just that way," she said. "It demonstrate, when Jed was serving or "old dear." I protested, in more seems more honest and decent. After dinner. I thought she would end by pain than she could guess. getting me shot in the back, but Jed | "We are engaged," she said. "What | *

had rated me finally as unimportant, should I call you?" which did my egotism no good. For "You might consider the fact that taken out in an automobile, of a warm, such a rascal to discard me, formally we are not engaged," I suggested. "But we are. If we don't act as if his strength permitted this, but whenscandalous pursuits of that beautiful we were, you'll not be any protection ever it did, I was glad not only to al-If Mrs. Sidney had known that I was call you John?"

I was as sensible as a corrupting ro- as a charming appellation. I adore it." ally to the prison walls. "I object to unnecessary freedom," "But it helps to deceive Jed."

it out of her consideration. It was, to should have had more doubt.

abne with her. I did my best to avoid or four sets every fine afternoon. She in the office as soon as we had entered. "We can't spare Jed to have him meeting her or speaking to her. Isobel liked to drive a car and ride a horse. He was very cordial to Mr. Sidney,

the people in it. I wonder if we could smiled.

"You know we are engaged, mother,"

I thought of the hen at the pond's not to be a hypocrite, and I did not edge seeing her brood of ducklings in the water. Mrs. Sidney was not in a Both were to one point. They related | "I shall be glad to be as agreeable panic and she did not flutter, but her circumstantially what had happened as I can," I said after some mental distress was acute. She knew the girl that afternoon. One I addressed to a stittering. "I want to be, but I am had to develop and she knew that she had to live in North, not South Amer-Brownell. Jed knocked at the door as | "I want to be, too," said Isobel; "and | ica. But knowledge is not a complete

Isopel took her mother's hand and kissed it, and then her lips. She smiled in such an honest, frank, perceptive fashion-I know that a smile can contain all the human understanding in



the world, because I saw Isobel's-and if he were stating a fact and not mak- if I had been there merely as a prac- then, holding her mother's hand, she allowed Mrs. Sidney to have the mo-

It may seem a small struggle that mother and daughter went through, Isobel knew her mother suffered, but

she was wise. Mrs. Sidney dreaded her daughter's adopted mode of life,

called me John honestly and without 152; killed in action; 41; missing in

We went driving, Isobel at the wheel. they had of life or with the perform- I am timid. I do not think that loco- says the American Forestry Magazine contributed our own books, and a de for Miss Sidney. I am older than I wood who happened to be the only mobile driven as Isobel wanted to masculine thing available when her drive it revealed no facets. It merely she knew of course that I loved her, tain amount of wind blown in the face. "That was a difficult scene, doctor,"

> was only comedy if I were, as she I knew that was what she would thought I was, an indifferent, unfeel- call me next-"doctor." I came di- the foot so that the entire sole rests "I know it was," I said, "and I admired the honest way in which you

tures of affection which shocked her | She affected familiarities and called , "I think I shall continue to call you

Sometimes Mr. Sidney could be fair afternoon. It was not often that against Jed. Don't you want me to low but to suggest that he make use of all opportunities.

idiotically in love with Isobel, she "Of course I do," I said. "It's per- The most beautiful of our river of Mr. Sidney's strength, to the peni-"Then it's the 'dear' and 'old dear' tentiary at Alwick. It was a hideous

Mr. Sidney would look at the enclosure and the guards in the turrets as if interpreting his own life in the "Nothing deceives Jed. He was de- terms of prison existence. We may ward for his mistake. He knows the on another of our outings, Mr. Sidney

had the driver stop at the entrance. "I feel very strong and well today, "That is because he is a coward and object, I think I should like to go in-Mrs. Sidney did not understand her times, I have a curiosity to see the in-

Mrs. Sidney had Spanish traditions. and me helping him-we acted as his If I showed my feeling more than Isobel came naturally, through her legs, guiding and sustaining his feeble a liver sausage shows a soul, I hope I father, to a candor which never ceased motions—he was strong enough to may be punished. What I thought of to amaze and-occasionally-to dis- make the effort. I did not know "Well, doctor," he said, "what now? Isobel was my own affair, so long as tress her mother. Isobel said what whether it was good or bad pyschology she thought. Her frankness came to give him a sight of so many impris-I took myself in hand with as much from honesty of character. Her lovely oned men, but my instinct suggested At that moment no possible amount energy and promptness as I could, fol- mother regarded life as something to that it would, in his case, be good. He of liquor would have been too much lowing the announcement of our en- be managed by reticence and denial. was a logical, reasoning man-a rare myself a fool. I did not intend to do were unesthetic, she denied it and put had been emotional and sentimental, I

Mr. Sidney was important enough to be known in the neighborhood. The who himself never showed more his

Mr. Sidney visits the peni-

(TO BE CONTINUED.)

"LOTUS" PLANT A MYSTERY Scientists in Dispute as to What Kind

of Food Had Such Remarkable Effects. What was the plant the "lotus eaters" ate, which so destroyed their

"pep," strangers who visited their

land and partook of the remarkable vegetable losing all desire to return to home and friends? There has been no end of dispute on the subject. One thing is certain, however, is that it could not have been the Egyptian lotus, which within recent years has begun to be widely grown in water gardens. This plant develops tubers, deep in the mud, which are about the size of hens' eggs and good to eat, but the eating of

them has no such deleterious effect as that above described. The Egyptian lotus is a kind of water Illy, whose superb flowers look like huge pink tulips. Once upon a time it grew wild along the banks of the Nile, and the surmise is that originally it was fetched from India, where it is native. It was regarded anciently as the emblem of the Nile, and the symbol of the creation of the world from the waters. To the Egyptians it was a sacred plant. They cultivated it in ponds and tanks, wreathing their heads with the blos-

oms on festive occasions. The lotus has had a wonderful influnce upon architecture. Its leaves and buds appear in the capitals of classic columns and in every sort of antique decorative carving it is the motif most Japan (into which country it was imextent than by anything else in na.

Flying Casualties.

Revised figures from the war department show that there were but 583 casualties among American avictors in Europe during the war. Of this number 491 were among aviators with the A. E. F. and the remainder among aviators on duty with the British, French "Good-bye, mother," said Isobel, "We and Italian armies. The casualties are

Fox Squirrel's Nests.

In the South, instead of living in the hollow trees, the fox squirrels build big nests in the tops of the pine and In these they sleep, also carrying to

Symptoms of flat foot are pain along the instep or even in the calves of the legs, knees, thighs, hips or back, often mistaken for rheumatism or other troubles. The person stands with feet well apart and toes turned outward. The ankle bends inward and the weight falls on the inner line of flat on the ground.

Every hov knows several men whom he intends to whip when he grows up

BEETLES AS HAIR RESTORERS | to the group known as Cantharides. | hair cells. The blisters do not cause | of the agricultural laborers on his es-

Under the plan they will live rent free and are to receive special weekly allowances of various foodstuffs, as well as tobacco, beer and a clothing allowance. In money they will get

All but a handful of the workers

SCOUTS TO THE "JAMBOREE"

The most wonderful adventure that ever came to a group of boys is that of the 301 Boy Scouts of America chosen to represent this country in the great "jamboree" of contests and demonstrations by the boy scouts of

34 nations in England. To be selected as one of the 301 boys from an active membership of 400,000 Boy Scouts of America all over the country is indeed an honor, and the fact that the best scouts won was made clear when they mobilized in New York to sail on July 6 on the United States army transport Pocahontas.

More than a third of them are Eagle scouts, the highest rank in the movement, and anyone who imagines that the Boy Scouts of America is a "kid" organization would have had the illusion dispelled by seeing this wonderful aggregation of the picked youth of the nation, ranging in age principally from fifteen to eighteen years, and averaging in height five

feet seven inches. Following the "jamboree" held at Olympia, near London, on the invitation of the British boy scouts, the happy American scouts visit Paris. other famous French cities and the important battlefields, as guests of the French government; and then, as guests of the Belgian government, see the sights of that country. It is a two months' trip crowded full of more joy than perhaps any one of the boys ever dreamed of having.

SCOUTS HELPING THE BLIND.

Boy scouts in New York state are co-operating with the National Thrift Bag league, with headquarters at No. 1 Park place, Albany, N. Y., in distributing large paper bags to homes in their community for the collection of waste, the proceeds from which are to be used for the education of the blind. The collection of waste mate-

rial is to continue all summer. The national council of the Boy Scouts of America urges executives to co-operate in every way possible with the National Thrift Bag league in this work. Scoutmasters and local scout officials are urged to co-operate with the National Thrift Bag league organizers, and to employ boy scouts in distributing to the homes of the community the large paper bags and red notification tags. These bags are to be used for the salvage of rags, large or small, of cotton, wool, or any kind of usable waste material. Bag collectors are not authorized to collect money. Boy scouts are not permitted to collect money for any pur-

SCOUT EXECUTIVES TO MEET.

The most significant conference in the history of the Boy Scouts of America is the annual conference of scout executives called for September 15 to great Boy Scouts of America camp in the Palisades Interstate park-the largest boys' camp in the world.

Northern New Jersey, 2,200 at a time. the scout executives from all parts of the country have an opportunity to see camping on a gigantic scale, and will have the advantage of meeting practically all of the big men in scouting from the national headquarters.

In this camp, which accommodates

the scouts of Greater New York and

They will meet in New York city, go up the Hudson river by boat, and

then by autos to the camp site. The theme of the conference will he "How Shall Scouting Be Done?" There will be many presentations and discussions of scientific studies of the problems of scouting with reference to increased efficiency, higher standards and larger service.

SCOUTS HELP GOVERNMENT.

At the invitation of the United States forestry service, 85 Pasadena (Cal.) scouts did the initial work on the master firebreak that is to protect the Pasadena watershed. The scouts cleared 1.100 feet of 50-foot firebreak through woods of oak, scrub oak, manzanita and other hardwood brush. The ranger in charge of the construction work found the experiment a great success, not only on account of the work accomplished by the boys, but also from the fact that these scouts had a first-hand education in the difficult methods of firebreak construction and will therefore appreciate what the forestry department is doing to protect the country's watersheds. Each boy was required to bring his blanket and ten cents carfare. The government paid all other expenses and furnished extra blankets for each boy.

GOOD TURNS BY SCOUTS.

North Anson, Me., Troop 1 put in a wood-pile for an invalid clergyman. Lafayette Hill, Pa., Troop 1 erected tended the church flower plot. Oconomowoc, Wis., Troop 1 planted

trees in the city park and also helped widows and sick people. Palo Alto, Cal., Troop 2 conducted a paper drive netting \$400, which money they are giving toward the establish-

ment of a dental clinic. Omaha, Neb., Troop 11 assisted in cleaning up the town after a tornado. Birmingham, Ala., Troop 29 supplied a needy family with food for one

month. Boy scouts, Troop No. 1, Eunice, Ala., celebrated its tenth birthday by doing good turns all week. It gave public demonstration in a theater showing the usefulness of the boy scout program. The scouts saved two important buildings from being destroyed by fire and for this the mayor made the troop an auxiliary of the fire department.

MUST OBEY ORDERS

to obey the orders of his patrol leader scout master and scout commissione He must learn to obey before he is able to command. He should keep such a strong grip on his own life that he will not allow himself to do anything which is ignoble or which will harm his life er weaken his powers of

More than 100 women are members of town councils in Sweden

endurance.

Mexican Government's Negotiations With Petroleum Interests Have-So Far Been Fruitlers.

Mexico City. - Negotiations, which have been carried on with the executive department by petroloum interests since the establishment of the provisional government, have completely wanted to being about concessions reassted regarding petroleum regulaTrials of Authors

I to a bazaar. Nine or ten of us had voted public was supposed to pay high- like to be, but that is all." "Just write us this little story," say burred the inscriptions in the front, the neighbors, interested in this cause the neighbors, interested in this cause the neighbors, interested in this cause the neighbors interested in this cause that I was a woman that the satisfaction sought was a certain amount of wind blown in the face. carried on in London. Through re- or that, to the author they happen to my brain for something clever and give you warning." know. It all looks so easy to them. memorable to put in the front of those grated to Amsterdam, where they have But-"why the hardest thing I do is volumes. I let my story writing go. I write to order," says Mary Heaton stared at the blank front pages where Vorse. "A kind of terrible blankness the autograph and the humorous and comes over me when I am ordered to interesting sentiment was to be placed. On a first-class liner it is said about write. I shall never forget being And in the end, frantically, what I

they have things their own way. The | laid lengthwise in furrows, and each

outcome will depend on who has the joint sends up a shoot, which later

taking on a new luster you want to be sembles a corn field, but the plants

When you see the lips straight- produces suckers. When ready for ening into a fixed line and the eyes harvesting, a field of sugar cane re-

2 000 pieces of glass and crockery are asked to autograph the front of some wrote, was 'November 9, Mary Heaton volumes of 'The Prestons' I had given Vorse.' More I could not."

> The balance claimed to be due Mexico represents the net amount for April and May, plus the total checks deposited by the United States with These checks American banks refused to pay because of alleged improper in-

France, Spain, Sicily and Russia, are tingling sensation. Species of Insect That Has Peculia collected in great numbers and killed Properties Found in Many by being plunged into strong vinegar. chloroform and the mixture distilled. Of the thousands of people who use hair-restorers, few know that the hair- The result is cantharidin.

This cantharidin makes the hair grow by causing tiny, invisible blisters called blister-beetles, and belong finest tonic in the world for worn-out of his dependents. Henceforth most price situation

They are then dried and ground to a birds and animals which would otherfine powder. This powder is soaked in | wise make a meal of them, Back to the Feudal Plan.

High prices in England have in-

The beetles themselves use this blistering juice as a protection against

These insects, which are abundant in any pain. All that is felt is a pleasant tates will receive all but a small percentage of their wages in goods instead of money.

only !1 a week each. to form underneath the skin. These duced King George to revert to the agreed to accept the king's offer as listers contain blood-serum — the feudal system of payment with some being a practical solution of the high